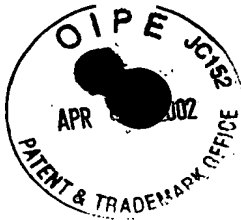


220103US-2



10005204.061102

9-11-02

#2  
Pre Amended

IN THE UNITED STATES PATENT & TRADEMARK OFFICE

IN RE APPLICATION OF:

TAKURO SEKIYA ET AL. : EXAMINER:

SERIAL NO: 10/085,204 :

FILED: FEBRUARY 26, 2002 : GROUP ART UNIT:

FOR: SURFACE-EMISSION LASER DIODE OPERABLE  
IN THE WAVELENGTH BAND OF 1.1-1.7  $\mu\text{m}$  AND  
OPTICAL TELECOMMUNICATION SYSTEM  
USING SUCH A LASER DIODE

PRELIMINARY AMENDMENT

ASSISTANT COMMISSIONER FOR PATENTS  
WASHINGTON, D.C. 20231

SIR:

Before examining the captioned patent application, please enter the following Preliminary  
Amendment:

IN THE SPECIFICATION

*Please amend the specification as shown in the Attachment to the amendment.<sup>1</sup> Clean  
passages from the amended specification are provided below:*

*Amend page 70, lines 4-11 to read as follows:*

*a1*  
In the construction of Figure 20, it should be noted that  
the design wavelength ( $\lambda$ ) of the distributed Bragg reflector is  
1.5  $\mu\text{m}$ , and the thickness of the  $\text{Al}_{0.8}\text{Ga}_{0.2}\text{As}$  layer 18a and the  
thickness of the GaAs layer 18b are respectively chosen to

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<sup>1</sup>In the Attachment to this amendment, underlining and bracketing show the changes  
introduced into the specification to arrive at the clean text provided here.